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EXT
DATE

3 Aug. 70

CLASSIFIED MESSAGE

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ROUTINE	OPERATIONAL / IMMEDIATE	INITIAL

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(ALSO FOR

OUT 70334

TO SEE ABOVE INFO CITE NPIC
TOP SECRET RUFF. TALENT-KEYHOLE CHANNELS.
A. PRELIMINARY OAK NO. 5, MISSION 1111-1 COVERING 3973
PERIOD 23 July - 29 July 1970. DETAILS WILL FOLLOW IN LATER OAK
EDITION.

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PRELIMINARY OAK MESSAGE (Note: Not the same distribution as for OAKS)

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ORIG :
 UNIT :
 EXT :
 DATE : 3 Aug. 70

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ROUTING

1		4	
2		5	
3		6	

TO :
 FROM :
 CONF :
 INFO :

PAGE 1

RESPONSE	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

REF A: NPIC 8964
 REF B: NPIC 8965
 REF C: NPIC 8966
 REF D: NPIC 8967

USSRMISSILE ACTIVITY

1. IN ADDITION TO THE 12 ICBM COMPLEXES REPORTED IN REF D, SHADRINSK, TYUMEN, VERKHNYAYA SALDA, YURIA, AND TATISHCHEVO WERE OBSERVED. TATISHCHEVO WAS IDENTIFIED ONLY.

2. NINE SS-9 LAUNCH SITES, ALL IN AN EARLY STAGE OF CONSTRUCTION, WERE NEWLY IDENTIFIED IN EXISTING LAUNCH GROUPS. AT THE DOMBAROVSKIY ICBM COMPLEX, SITES 69, 70, AND 71 WERE IDENTIFIED IN THE K GROUP. AT THE IMENI GASTELLO ICBM COMPLEX, SITE 55 (THE SIXTH SITE IN THE I GROUP) WAS IDENTIFIED. AT THE KARTALY ICBM COMPLEX, LAUNCH GROUP G WAS FILLED OUT WITH CONFIRMED SITES 51 AND 53 AND PROBABLE SITE 52. AT THE UZHUR ICBM COMPLEX, TWO NEW SITES, 60 AND 61, FILL OUT LAUNCH GROUP J.

3. FOUR SS-11 LAUNCH SITES WERE NEWLY IDENTIFIED. POSSIBLE LAUNCH GROUP R AT THE KOSTROMA ICBM COMPLEX PRESENTLY CONSISTS OF POSSIBLE LAUNCH

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CLASSIFIED MESSAGE

TOP SECRET RUFF

ORIG :
UNIT :
EXT :
DATE :

TO :

FROM :

CONF :

PAGE 2

INFO :

ROUTING

1		4	
2		5	
3		6	

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RESPONSE	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

SITE 115R IN A VERY EARLY STAGE OF CONSTRUCTION. AT THE YEDROVO ICBM COMPLEX, COMPLETED LAUNCH SITE 135R IS NEWLY IDENTIFIED AS THE TENTH SITE IN THE R GROUP. SITE 116R HAS BEEN DROPPED AS A VALID SITE. LAUNCH SITES 136 AND 137 BOTH IN A LATE STAGE OF CONSTRUCTION WERE **NEWLY** IDENTIFIED IN THE T GROUP.

4. AT THE DERAZHNYA MRBM COMPLEX, EIGHT TYPE IIID SITES WERE NEWLY IDENTIFIED. SITES 56, 57, AND 58, ALL IN A MIDSTAGE OF CONSTRUCTION, ARE IN LAUNCH GROUP D. SITES 59, IN A MIDSTAGE, AND 60, IN A LATE STAGE OF CONSTRUCTION, ARE IN LAUNCH GROUP E. SITES 61, 62, AND 63, ALL IN THE MIDSTAGE OF CONSTRUCTION, ARE IN LAUNCH GROUP F. ALL SIX LAUNCH GROUPS AT THIS COMPLEX NOW HAVE THEIR FULL COMPLEMENT OF TEN LAUNCH SITES.

MISSILE RANGES

5. AT THE TYURATAM MISSILE TEST CENTER, A POSSIBLE MISSILE WAS AT LAUNCH PAD C3, AND A MISSILE LOADING EXERCISE WAS OBSERVED AT LAUNCH SITE L7.

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ORIG :
UNIT :
EXT :
DATE :

TOP SECRET RUFF

ROUTING

1		4	
2		5	
3		6	

TO :

FROM:

CONF:

PAGE 3

INFO :

NO RECORDS	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

6. THE KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER WAS OBSERVED EXCEPT FOR COMPLEX A. VEHICLES AND/OR MISSILE-ASSOCIATED EQUIPMENT WERE PRESENT AT LAUNCH AREAS 1C, 2C, AND 3C.

7. THE ENTIRE SARY-SHAGAN MISSILE TEST CENTER WAS COVERED IN PARTIAL STEREO ON PHOTOGRAPHY OF GENERALLY FAIR INTERPRETABILITY. AT LAUNCH COMPLEX D, THE RADOME SECTION FOR TRY ADD BUILDING A REMAINS ON THE GROUND. AT LAUNCH COMPLEX F, NEW GROUND SCARRING WAS OBSERVED AROUND THE NW END OF THE T-SHAPED ROAD. A LARGE RECTANGULAR GRADED-EARTH PAD WAS UNDER CONSTRUCTION ADJACENT TO THE SE SEGMENT OF THE T-SHAPED ROAD. PAVING WAS OBSERVED ON THE LOOP ROAD WHICH SERVES THE TWO POSSIBLE LAUNCH POSITIONS ADJACENT TO LAUNCH SITE 1.

ABM ACTIVITY

8. IN MOSCOW, ALL ACTIVE ABM COMPLEXES, THE NARO FOMINSK ABM/SPACE TRACKING RADAR SITES, THE CHEKHOV ABM/SPACE RADAR SITES, AND THE MOSCOW ABM SUPPORT FACILITY BOROVSK WERE ALL COVERED ON PHOTOGRAPHY OF FAIR INTERPRETABILITY. AT BOROVSK, 30 GALOSH MISSILE CANISTERS WERE OBSERVED

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ORIG :
UNIT :
EXT :
DATE :

TOP SECRET RUFF

ROUTING			
1		4	
2		5	
3		6	

TO :

FROM :

CONF :

PAGE 4

INFO :

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NO FOR W R S	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

AND 10 ADDITIONAL WERE OBSERVED AMONG THE ACTIVE ABM COMPLEXES. AT THE CHEKHOV ABM/SPACE TRACKING RADAR SITES, CONSTRUCTION CONTINUED. NO CHANGES WERE NOTED AT THE OTHER FACILITIES.

AIR ACTIVITY

9. FIVE PROBABLE FLOGGER (SINGLE-ENGINE, VARIABLE WING, MULTIPURPOSE FIGHTER AIRCRAFT) WERE OBSERVED ON 28 JULY AT LIPETSK AIRFIELD WEST, AN ADVANCED TACTICAL PILOT TRAINING BASE. THIS IS THE FIRST IDENTIFICATION OF PROBABLE FLOGGER AT THIS FIELD. ALSO OBSERVED HERE ON 28 JULY WERE THREE FOXBAT (LONG-RANGE INTERCEPTOR AND STRIKE AIRCRAFT), AN INCREASE OF TWO SINCE THE FIRST SIGHTING OF FOXBAT AT THIS FIELD ON 1 JULY.

10. THE PROBABLE THIRD KAZ-A PROTOTYPE WAS OBSERVED ON 23 AND 24 JULY 1970 AT KAZAN AIRFRAME PLANT GORBUNOV 22. THE OTHER TWO KAZ-A PROTOTYPES WERE SEEN PARKED IN THE EAST PARKING AREA AT RAMENSKOYE FLIGHT TEST CENTER ON 26 JULY 1970.

NUCLEAR ACTIVITY

11. APPROXIMATELY FIVE PERCENT OF THE SEMIPALATINSK NUCLEAR WEAPONS COORDINATING OFFICERS

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CLASSIFIED MESSAGE

ORIG :
UNIT :
EXT :
DATE :

TOP SECRET RUFF

ROUTING

1		4	
2		5	
3		6	

TO :

FROM :

CONF :

PAGE 5

INFO :

ROZPISAN	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

PROVING GROUND WAS VISIBLE. THE LOCATION OF THE 21 JULY 1970 UNDERGROUND TEST WAS IDENTIFIED AT LOCATION 10 IN THE KONYSTAN TEST AREA ON 28 JULY 1970. GROUND PHOTO REFERENCE MARKS, A PROBABLE CONTROL POINT AND FORWARD RECORDING SITE, AND A ROUGHLY CIRCULAR SAMPLING RING WERE IDENTIFIED. NO SURFACE EFFECTS OF THE TEST WERE VISIBLE ON MONO PHOTOGRAPHY. ACTIVITY CONTINUES AT 3 PROBABLE FUTURE TEST LOCATIONS, AND SEVERAL NEW ACTIVITY LOCATIONS WERE SEEN.

CHINAMISSILE ACTIVITY

12. THE SHUANG-CHENG-TZU MISSILE TEST CENTER WAS NOT COVERED. AT THE WU-CHAI SSM LAUNCH SITE, FOUR UNIDENTIFIED VEHICLES WERE IN THE PAD AREA, AND ROADS IN THE LAUNCH AREA WERE BEING SURFACED. THE LIN-CHIANG SSM LAUNCH SITE WAS NOT OBSERVED.

AIR ACTIVITY

13. A TOTAL OF 13 BADGER WERE SEEN AT WU-KUNG AIRFIELD ON 26 JULY 1970. HSI-AN AIRFRAME PLANT, YEN-LIANG 172, THE BADGER PRODUCTION PLANT,

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CLASSIFIED MESSAGE

ORIG :
UNIT :
EXT :
DATE :

TOP SECRET RUFF

ROUTING

1		4	
2		5	
3		6	

TO :

FROM :

CONF :

PAGE 6

INFO :

P R I O R I T Y	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

WAS ALSO COVERED ON 26 JULY 1970. POOR INTERPRETABILITY, HOWEVER, PRECLUDES DETERMINATION OF THE NUMBER AND TYPE OF AIRCRAFT PRESENT.

NUCLEAR ACTIVITY

14. HEAVY CLOUDS OBSCURED ALMOST ALL OF THE LOP NOR NUCLEAR TEST SITE, AND HAZE PRECLUDES INTERPRETATION OF THE SINGER UNDERGROUND TEST AREA. THE SINGER GROUND TARGET MARKER AND SINGER MINING ACTIVITY WERE CLEAR ON 24 JULY. NO MAJOR CHANGES WERE OBSERVED.

EGYPTMISSILE ACTIVITY

15. NINE SA-3 AND 14 SA-2 SAM SITES HAVE BEEN NEWLY IDENTIFIED IN EGYPT. THESE ARE IN ADDITION TO THE 16 SA-3 AND 63 SA-2 SITES REPORTED IN REFS A AND C AS BEING NEWLY IDENTIFIED. THIS BRINGS TO 102 THE TOTAL NUMBER OF SAM SITES NEWLY IDENTIFIED IN EGYPT DURING THE PRELIMINARY SCAN OF THIS MISSION.

16. LOCATIONS AND STATUS OF THE NINE SA-3 AND 14 SA-2 SAM SITES ARE:

A. NEW OCCUPIED SA-3 SAM SITES

(1) 29-43-55N 031-27-35E

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CLASSIFIED MESSAGE

ORIG :
UNIT :
EXT :
DATE :

TOP SECRET RUFF

TO :

FROM:

CONF:

PAGE 7

INFO :

ROUTING

1		4	
2		5	
3		6	

RECEIVED	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

(2) 29-56-40N 031-01-50E

(3) 29-46-05N 031-02-00E

B. NEW UNOCCUPIED SA-3 SAM SITES

(1) 29-52-40N 031-36-15E

(2) 30-11-35N 032-11-55E

(3) 29-58-45N 031-02-30E

(4) 30-01-00N 031-01-55E

(5) 30-00-35N 031-02-05E

(6) 30-55-30N 031-29-15E

C. NEW UNOCCUPIED SA-2 SAM SITES

(1) 29-44-30N 031-22-50E

(2) 30-04-15N 032-01-05E

(3) 30-04-05N 031-54-30E

(4) 30-08-10N 031-59-15E

(5) 30-10-40N 032-12-50E

(6) 30-11-20N 032-17-05E

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CLASSIFIED MESSAGE

ORIG :
UNIT :
EXT :
DATE :

TOP SECRET RUFF

TO :

FROM:

CONF: PAGE 8

INFO :

ROUTING

1	4
2	5
3	6

RESPONSE	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

(7) 29-15-10N 030-50-55E

(8) 30-58-45N 031-13-25E

(9) 30-46-20N 030-46-50E

(10) 31-04-00N 031-29-25E

(11) 30-55-25N 030-57-10E

D. NEW OCCUPIED SA-2 SAM SITES

(1) 30-12-00N 032-03-35E

(2) 30-12-20N 032-10-20E

(3) 30-15-40N 032-17-25E

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CLASSIFIED MESSAGE

TOP SECRET RUFF

ORIG :
UNIT :
EXT :
DATE :

TO :

FROM :

CONF :

INFO :

PAGE 9

ROUTING

1		4	
2		5	
3		6	

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P R O C E D U R E		DEFERRED		PRIORITY	INITIALS
		ROUTINE		OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

17. THE FOLLOWING IS A LIST OF TARGETS REPORTED ABOVE WITH COUNTRY
CODE, GEOGRAPHIC COORDINATES, AND BE NUMBER:

DOMBAROVSKIY ICBM COMPLEX	UR 505818N 0594440E
IMENI GASTELLO ICBM COMPLEX	UR 510330N 0661400E
KARTALY ICBM COMPLEX	UR 525920N 0603140E
UZHUR ICBM COMPLEX	UR 551535N 0893030E
KOSTROMA ICBM COMPLEX	UR 580012N 0412225E
YEDROVO ICBM COMPLEX	UR 574940N 0332800E
DERAZHNYA MRBM COMPLEX	UR 492350N 0272740E
SARY-SHAGAN MTC LAUNCH COMPLEX D	UR 454830N 0733425E
SARY-SHAGAN MTC LAUNCH COMPLEX F	UR 462640N 0725110E
NARO-FOMINSK ABM/SPACE TRKING RADAR FAC A	UR 552900N 0364100E
NARO-FOMINSK ABM/SPACE TRKING RADAR FAC B	UR 552904N 0363859E
CHEKHOV ABM/SPACE RADAR SITE A	UR 551410N 0371800E
CHEKHOV ABM/SPACE RADAR SITE B	UR 551250N 0371810E
MOSKVA ABM SUPPORT FACILITY BOROVSK	UR 551800N 0363305E

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CLASSIFIED MESSAGE

ORIG :
UNIT :
EXT :
DATE :

TOP SECRET RUFF

ROUTING

1		4	
2		5	
3		6	

TO :

PAGE 10

FROM :

CONF :

INFO :

P R O C E S S I N G		DEFERRED		PRIORITY	INITIALS
		ROUTINE		OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

CITE

TYURATAM MISSILE TEST CENTER	UR 455640N 0632800E
KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER	UR 484200N 0460000E
LIPETSK AIRFIELD WEST	UR 523803N 0392802E
KAZAN AIRFRAME PLANT GORBUNOV 22	UR 555138N 0490655E
RAMENSKOYE FLIGHT TEST CENTER	UR 553345N 0380705E
SEMIPALATINSK NUCLEAR WEAPONS PROVING GROUND	UR 5015//N 07815//E
WU-CHAI SSM LAUNCH SITE	CH 384952N 1113618E
WU-KUNG AIRFIELD	CH 341637N 1081558E
HSI-AN AIRFRAME PLANT YEN-LIANG 172	CH 343846N 1091334E
LOP NOR NUCLEAR TEST SITE SEARCH	CH 4047//N 08942//E
LOP NOR NTS SINGER UG TEST AREA	CH 412432N 0881900E
LOP NOR NTS SUPPORT AREA	CH 404000N 0890145E
LOP NOR NTS SINGER CONTROL POINT	CH 412617N 0882441E

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